

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: markspencer

Timestamp: Wed May 30 12:36:29 EDT 2007

=====

Application No: 10596857 Version No: 1.0

Input Set:

Output Set:

Started: 2007-05-25 20:46:12.757
Finished: 2007-05-25 20:46:14.867
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 110 ms
Total Warnings: 25
Total Errors: 0
No. of SeqIDs Defined: 25
Actual SeqID Count: 25

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

Input Set:

Output Set:

Started: 2007-05-25 20:46:12.757
Finished: 2007-05-25 20:46:14.867
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 110 ms
Total Warnings: 25
Total Errors: 0
No. of SeqIDs Defined: 25
Actual SeqID Count: 25

Error code	Error Description
	This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

<110> Vellejo Illarramendi, Ainara
Martinez Martinez, Antonio
Ariz Lopez de Castro, Usue
Osaba Ortiz de Mendibil, Lourdes
Junquera Sanchez-Vallejo, Corina
Ochoa Garay, Jorge
Escudero Garcia de Galdeano, Pedro
Santa Cruz, Simon
Simon Buela, Laureano
Matute Almua, Carlos
Domercq Garcia, Maria
Alberdi Alfonso, Elena
Victoria Sanchez Gomez, Maria
Ibarretxe Bilboa, Gaskon
Etxebarria Galnares, Estibaliz

<120> METHODS FOR THE IN VITRO DIAGNOSIS AND PROGNOSIS OF DEMYELINATING
DISEASES, AND FOR THE DEVELOPMENT OF DRUGS AGAINST DEMYELINATING
DISEASES

<130> 020884-000007

<140> 10596857

<141> 2007-05-25

<150> 10/596,857

<151> 2006-06-27

<150> PCT/EP04/14814

<151> 2004-12-28

<150> EP 03380310.7

<151> 2003-12-30

<160> 25

<170> PatentIn version 3.3

<210> 1

<211> 22

<212> DNA

<213> Artificial

<220>

<223> Direct primer designed to amplify, in combination with SEQ ID
NO:2. cDNA of the rat dus6 gene

<400> 1
gggagagatt tgctccatTC at

22

<210> 2

<211> 23

<212> DNA

<213> Artificial

<220>
<223> Reverse primer designed to amplify, in combination with SEQ ID
NO:1, cDNA of the rat dusp6 gene

<400> 2
aaaagcaaac ctattgcctg gat

23

<210> 3
<211> 20
<212> DNA
<213> Artificial

<220>
<223> dusp6 gene antisense oligomucleotide ODN2

<400> 3
tcaacgtggc catcccgggc

20

<210> 4
<211> 21
<212> DNA
<213> Artificial

<220>
<223> dusp6 gene antisense oligonucleotide ODN3

<400> 4
ccaagtggac tccctgcaat c

21

<210> 5
<211> 25
<212> DNA
<213> Artificial

<220>
<223> Probe sequence of the U42627_at probe set of Affymetrix, the
position of said probe in the mRNA sequence of the dusp6 gene
being 1557

<400> 5
ttcagttct cttgggcagc atcga

25

<210> 6
<211> 25
<212> DNA
<213> Artificial

<220>
<223> Probe sequence of the U42627_at probe set of Affymetrix, the
position of said probe in the mRNA sequence of the dusp6 gene
being 1563

<400> 6
ttctcttggg cagcatcgac caggc 25

<210> 7
<211> 25
<212> DNA
<213> Artificial

<220>
<223> Probe sequence of the U42627_at probe set of Affymetrix, the position of said probe in the mRNA sequence of the dusp6 gene being 1623

<400> 7
gtcaccagct gtctgttatta gacaa 25

<210> 8
<211> 25
<212> DNA
<213> Artificial

<220>
<223> Probe sequence of the U42627_at probe set of Affymetrix, the position of said probe in the mRNA sequence of the dusp6 gene being 1713

<400> 8
ggacagggta tgctgtctag atcca 25

<210> 9
<211> 25
<212> DNA
<213> Artificial

<220>
<223> Probe sequence of the U42627_at probe set of Affymetrix, the position of said probe in the mRNA sequence of the dusp6 gene being 1725

<400> 9
ctgtctagat ccaggcaata ggttt 25

<210> 10
<211> 25
<212> DNA
<213> Artificial

<220>
<223> Probe sequence of the U42627_at probe set of Affymetrix, the position of said probe in the mRNA sequence of the dusp6 gene being 1773

<400> 10

agcagggact ggacctccat ccaga

25

<210> 11

<211> 25

<212> DNA

<213> Artificial

<220>

<223> Probe sequence of the U42627_at probe set of Affymetrix, the position of said probe in the mRNA sequence of the dusp6 gene being 1827

<400> 11

ggagcatgtg ttccttaggg ccaca

25

<210> 12

<211> 25

<212> DNA

<213> Artificial

<220>

<223> Probe sequence of the U42627_at probe set of Affymetrix, the position of said probe in the mRNA sequence of the dusp6 gene being 1845

<400> 12

ggccacatat ggctgtttcc tggttg

25

<210> 13

<211> 25

<212> DNA

<213> Artificial

<220>

<223> Probe sequence of the U42627_at probe set of Affymetrix, the position of said probe in the mRNA sequence of the dusp6 gene being 1857

<400> 13

ctgtttcctg ttgcatactgg aacca

25

<210> 14

<211> 25

<212> DNA

<213> Artificial

<220>

<223> Probe sequence of the U42627_at probe set of Affymetrix, the position of said probe in the mRNA sequence of the dusp6 gene being 1863

<400> 14

cctgttgcat ctggaaccaa ctata

25

<210> 15
<211> 25
<212> DNA
<213> Artificial

<220>
<223> Probe sequence of the U42627_at probe set of Affymetrix, the position of said probe in the mRNA sequence of the dusp6 gene being 1881

<400> 15
aactatattg tcttcagtga agact 25

<210> 16
<211> 25
<212> DNA
<213> Artificial

<220>
<223> Probe sequence of the U42627_at probe set of Affymetrix, the position of said probe in the mRNA sequence of the dusp6 gene being 1887

<400> 16
attgtcttca gtgaagactg attca 25

<210> 17
<211> 25
<212> DNA
<213> Artificial

<220>
<223> Probe sequence of the U42627_at probe set of Affymetrix, the position of said probe in the mRNA sequence of the dusp6 gene being 1935

<400> 17
gagatttttag ctctgtatTT gtggT 25

<210> 18
<211> 25
<212> DNA
<213> Artificial

<220>
<223> Probe sequence of the U42627_at probe set of Affymetrix, the position of said probe in the mRNA sequence of the dusp6 gene being 1941

<400> 18
ttagctctgt atttgtggta tcggT 25

<210> 19
<211> 25
<212> DNA
<213> Artificial

<220>
<223> Probe sequence of the U42627_at probe set of Affymetrix, the position of said probe in the mRNA sequence of the dusp6 gene being 2007

<400> 19
aatatttgat cttcacttga gagtg 25

<210> 20
<211> 25
<212> DNA
<213> Artificial

<220>
<223> Probe sequence of the U42627_at probe set of Affymetrix, the position of said probe in the mRNA sequence of the dusp6 gene being 2013

<400> 20
tgatcttcac ttgagagtgt ttgtt 25

<210> 21
<211> 20
<212> DNA
<213> Artificial

<220>
<223> Direct primer designed to amplify, in combination with SEQ ID NO: 22, cDNA of the rat glyceraldehyde 3-phosphate dehydrogenase gene

<400> 21
aaggctgggg ctcacacctgaa 20

<210> 22
<211> 21
<212> DNA
<213> Artificial

<220>
<223> Reverse primer designed to amplify, in combination with SEQ ID NO: 21, cDNA of the rat glyceraldehyde 3-phosphate dehydrogenase gene

<400> 22
ggcatggact gtggtcatga g 21

<210> 23

<211> 20
<212> DNA
<213> Artificial

<220>
<223> A dusp6 gene antisense oligonucleotide

<400> 23
cgttgagcca cgccaccgtc 20

<210> 24
<211> 23
<212> DNA
<213> Artificial

<220>
<223> Primer used in quantitative real-time RT-PCR for evaluating the expression of dusp6 gene in post-mortem human tissue samples from optic nerve

<400> 24
cctgaggcca tttctttcat aga 23

<210> 25
<211> 23
<212> DNA
<213> Artificial

<220>
<223> Primer used in quantitative real-time RT-PCR for evaluating the expression of dusp6 gene in post-mortem human tissue samples from optic nerve

<400> 25
gtcacagtga ctgagcggct aat 23